

Release B CDR RID Report

Date Last Modified 8/9/96

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RID ID CDR 61

Review Release B CDR

Originator Ref

Priority 2

Section

Page

Figure Table

Category Name Planning (PLS) Design

Actionee Project (Kempler)

Sub Category

Subject Goal Based Strategy

Description of Problem or Suggestion:

Provide ability to allow plan inputs to set end dates and automatically adjust weights to achieve goals.

Originator's Recommendation

GSFC Response by:

GSFC Response Date

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date 7/18/96

The current planning design is a priority-based system where the operators determine the relative importance of the jobs they enter. After those priorities are assigned, the system is driven by data availability. The system will execute the highest priority job whose start conditions (data & resources are available) are met. The system will allow the operator to specify target completion times and alert operators when those completion times are not met. Furthermore, jobs which carry over from one active plan to another undergo a one time increase in priority. The increase in priority is a configurable value. There is however no mechanism to automatically increase the priorities of jobs as their target times approach.

Goal-based planning is not in scope of the ECS design. The requested functionality would require a new Level 3 requirement. Introduction of such a dramatic addition in functionality at this stage of the design cycle could not be accomplished without major schedule impacts.

Status Closed

Date Closed 8/9/96

Sponsor Kempler

***** Attachment if any *****